

INDIANA ENVIRONMENTAL STEWARDSHIP PROGRAM ANNUAL PERFORMANCE REPORT

State Form 53475 (R8 / 1-22)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
ENVIRONMENTAL STEWARDSHIP PROGRAM

Indiana Department of Environmental Management

Office of Program Support MC 64-00, Room IGCN 1316 100 North Senate Avenue Indianapolis, IN 46204-2251 Telephone: (800) 988-7901 FAX: (317) 233-5627

E-mail: esp@idem.lN.gov

Please use this form if you are a member of the Indiana Environmental Stewardship Program (ESP) to report on progress toward objectives and targets AND certify ESP requirements continue to be achieved. Indiana ESP facilities must submit an Annual Performance Report (APR) by April 1st of every year, for each calendar year in which the entity has been a member for at least three (3) full months. Membership terms are renewed every four (4) years through submitting your APR. Your APR should be reviewed and signed by a senior manager at your facility prior to submittal. Once signed, e-mail the APR to IDEM at esp@idem.lN.gov. Please do not include any confidential business information in your annual performance report. Public access laws require IDEM to make the APR publicly available, which may include posting all portions of your report on the Indiana ESP Web site. If you have any questions, please contact IDEM at esp@idem.lN.gov or (800) 988-7901.

This form will also be used for ESP members who are also members of the Indiana Partners for Pollution Prevention Program to recertify their membership and reaffirm their commitment to the Partners Pledge.

and realism their communicing to the Faithe					
SECTION A	FACILITY IN	FORMATION			
Name of facility Mitsubishl Turbocherger and Engine America (MTEA)					
Name of parent company (<i>if applicable</i>) Mitsubishi Heavy Industries LTD (MHI)					
Street address <i>(number and street)</i> 1200 North Mitsubishi Parkway					
Cily / State / ZIP code Frenklin, Indiana 46131					
County Johnson					
Website of facility / company www.milsubishi-turbo.com		·			
How many employees (full time equivalents	s) currently work at your facility?				
	CONTACTI	NFORMATION			
Name of Primary Contact (Mr. / Mrs. / Ms. / Ms. Raney Green	Dr.)	Title Quality / Environmental Engineer			
Telephone number (17-348-) 286	Mobile phone number 630-267-\$226	E-mail address rgreen@milsubishi-lurbo.com			
Mailing address (if different from facility add	dress)				
Same As Above					
City / State / ZIP Code					
Same As Above					
Name of Secondary Contact (Mr. / Mrs. / M	s. / Dr.)	Title			
Mr. Daniel Warman		Logistics Engineer			
Telephone number	Mobile phone number	E-mail address			
\$17-346- <u>\$274</u>	()	dwarman@mitsubishi-lurbo.com			
Mailing address (if different from facility add Same As Above	dress)				
City / State / ZIP Code Sume As Above					
	REPORTI	NG PERIOD			
Reporting period dates from prior calendar 01/01/2021-01/01/2022		·			
1e. Is this the fourth ESP Annual Performance Report of your membership term? ☐ Yes—If yes, answer question 1b. ☐ No—If no, skip to question 2a.					
Do you wish to renew your Indiana Environmental Stewardship Program membership? ■ Yes—If yes, please answer question 2a and complete all sections of this annual report. □ No—If no, please answer question 2a and complete all sections of this annual report except for Section F.					
2a. Are you a member of the Indiana Partners for Pollution Prevention (Partners) Program? ■ Yes—If yes, answer question 2b. □ No—If no, skip to the "Change in Information" section of this report.					

			RIOD (CONTINUED)
	2b. Do you wish to rece ■ Yes—If yes, plea	rtify your Partners for Pollution Prevention (Partner ase complete all sections of this annual report.	s) Pleage?
L		e complete all sections of this annual report except	for Section F.
F			INFORMATION
		nd, perhaps, in previous annual performance report our facility's list of products or activitles?	s, you described what your facility does or makes. Have there been any
		, please describe them:	
	Milsubishi Heav Milsubishi Turb	y Industries Climate Control division ceased production in this facility ocharger and Engine America, Inc. assembles turbochargers and dis	in March of 2021. Iributes engine components.
	□ No		
	SECTION B	PUBLIC OUTREACH AND	D PERFORMANCE REPORTING
	Why do we need this in		What do you need to do?
	IDEM needs to know how public.	v environmental information was shared with the	Describe how the facility has shared and plans to share environmental information.
		ronmental performance.	eporting period to interact with the community on environmental issues and to
ŀ	Please indicate which of	the following methods your facility plans to use to m	ake its ESP Annual Performance Report available to the public. Please check
l	as many as appropriate.		
L	Web site (http://www.) ☐ Open house	■ Meelings □ Press releases ■ Olher: Global Arc Magazine
	SECTION C	ENVIRONMENTAL MANAG	EMENT SYSTEM ASSESSMENT
	Why do we need this in	formation?	What do you need to do?
		plemented an EMS that meets certain 4001 EMS Lead Auditor at least every	Answer the following questions about your EMS.
	thirty-six (36) months to a		00440000
L		cent date that an ISO 14001 EMS Lead Auditor performance	
	Name, title, and orga Troy Miller - External Auditor for Ba	anization of ISO 14001 EMS Lead Auditor who cond	ducted the most recent EMS assessment:
	3. Is the date of the mo	st recent EMS assessment performed by an ISO 1	4001 EMS Lead Auditor within the past thirty-six (36) months?
l	<u>—</u>	s, skip to Question 4.	
		please have your ISO 14001 EMS Lead Auditor con is the listed criteria for ESP membership:	mplete and sign the following checklist, indicating whether or not your EMS
	Yes No	Evidence of senior management support, commi	lment, and approval.
	Yes No	A written environmental policy directed toward co	ompliance, pollution prevention, and continuous improvement.
	☐ Yes ☐ No	Identification of the environmental aspects at the	entity.
	Yes No	Prioritization of the environmental aspects and a environmental impacts and applicable laws and or	determination of those aspects deemed significant considering, at the minimum, egulations.
	Yes No	for ensuring compliance with applicable environn	res and targets for continuous improvement in environmental performance and nental laws, regulations, and permit conditions. Objectives and targets must go the environmental media, types of pollution to be prevented or reduced, nes.
	Yes No	An established community outreach mechanism	that includes identifying and responding to community concerns; informing the mmunity; and reporting on the EMS, including reporting to the public on the
1	☐ Yes ☐ No	Incorporation of environmental and pollution prevand modifications of existing processes.	rention planning in the development of new products, processes, and services
	☐ Yes ☐ No	Evidence of clear responsibility for implementation compliance with applicable environmental laws, i	on, training, monitoring, EMS maintenance, taking corrective action, and ensuring regulations, and permit conditions.
	Yes No	Documentation of the implementation procedure	s and the results of implementation.
	Yes No	Appropriate written EMS procedures.	
	Yes No	An annual evaluation of the EMS with written res	ults provided to senior management and affected employees.
	_		
	Olematicus - FIOC 4	004 EMS Land Audilar	Feb. 8, 2022 Date (month, day, year)
١	orgrature of 150 14	001 EMS Lead Auditor	Date (month, day, year)

SEC	CTION C ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSMENT CONTINUED				
4.	Were any deficiencies found during the most recent EMS assessment?				
	Yes—If yes, describe any deficiencies found and the corrective action taken to address each deficiency:				
	Several NC's and OFI's related to internal communications and training at the new company level.				
	□ No				
5.	What type of protocol was used to perform the independent EMS assessment? ISO 14001:2015 Certified audit				
	ESP Independent Assessment Protocol				
	Other (please specify):				
6.	Is the EMS certified to a recognized standard?				
	Yes—If yes, what standard does the EMS follow (please provide a copy of the most recent certificate)?				
	■ ISO 14001:2015				
	Responsible Care EMS Responsible Care 14001				
	□ No				
7.					
۲.	When was the last Senior Management review of your EMS completed? Month / Year: January 2022				
	Who headed the review (name and title)? Mr. Sangyoon Lee - VP MTEA				
8.	When did your facility last conduct an internal or corporate environmental compliance audit? Do not include inspections or site visits by regulatory				
	Organizations. Full system review since control of the EMS changed from MCCA to MTEA.				
	Scope of the compliance audit:				
	Month(s) / Year(s): December 2021				
	Who conducted the audit(s) (e.g., facility staff, corporate, third party)?				
	Third Party				
9.	Explain the emergencies experienced within the facility during the past year. Were the applicable emergency and contingency plans detailed in the				
No er	EMS effective? What changes, if any, have been made to your facility's emergency or contingency plans?				
	,				
10	Heaveur feelilly covered all instances of retaining an insurant language of the covered all instances of retaining an insurant language of the covered all instances of retaining an insurant language of the covered all instances of retaining an insurant language of the covered all instances of retaining an insurant language of the covered all instances of retaining an insurant language of the covered all instances of retaining an insurant language of the covered all instances				
10.	Has your facility corrected all instances of potential environmental non-compliance and EMS non-conformance identified during your audits and other assessments?				
	☐ Yes—If yes, briefly summarize corrective actions taken and other ☐ No—If no, please explain your ☐ No such instances identified.				
	improvements made as a result of your EMS assessment(s) or plans to correct these instances. compliance audit(s).				
All N	C items have been assigned and corrective actions will follow our internal processes for implementation and verification.				
	CHANGE HAVE DECEMBED AND CONTROLLED FOR LINCOLD FOR INTERNAL PROCESSES OF IMPROPRIENTATION AND VEHICLESCOIL.				
SEC	SECTION D ADDITIONAL INFORMATION				
Wh	v do we need this information?				
This Env	s information will help IDEM to effectively manage the Answer the questions as completely as possible.				
1.	In addition to ESP, please list environmental awards received or voluntary programs participated in during the past twelve (12) months.				
We co	oritinue to monitor McClain drive so trash is picked up and the sides of the road are mowed from Jim Black road to the entrances of our facility.				
^	Decrease facility taken advantage of any ECD inserting 2 if an always facility taken advantage of any ECD inserting 2 if an always facility taken advantage of any ECD inserting 2 if an always facility taken advantage of any ECD inserting 2 if an always facility and a second and a second according to the advantage of any ECD inserting 2 if an always facility and a second according to the advantage of any ECD inserting 2 if an always facility and a second according to the advantage of a second according to the advantage o				
2.	Has your facility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should consider.				

	3. If your facility was not registered to the ISO 14001 standard prior to becoming an ESP member, has ESP helped you to pursue registration? If so, how has ESP been instrumental in achieving registration?						
MCCA was	MCCA was ISO 14001:2004 before becoming a member of the ESP Program. MTEA was added to the Scope of ISO14001:2015 in 2016. The ESP Program has provided training at various meetings that helped us understand the new 2015 Standard.						
			group meeting your expectations? reakout sessions give valuable feedback into	<u> </u>	gestions.		
res. me m	etworking, or	idiling of projects also bi	payore sessions Also salappia receptor into	istaro projesso sig ana emain			
SECTIO	DN D		ADDII	IONAL INFORMATION (CONT	INUED)		
			-				
		ember of Partner o pollution prever		organization's pledge to the Part	tners and provide additional information regarding		
Yes	No		541 - C- 2011 do		and the translation and a self-		
		Ensure em in the facili		commitment to P2 and understa	and their role in implementing P2 objectives and goals		
		2. Your facilit	y has incorporated P2 planning in	the development of new product	ts, processes, and/or services.		
		3. Your facilit	y established a mechanism to mo	nitor waste generation and identi	ify realistic P2 goals.		
		4. Your facilit	y has established a process to list	en and respond to stakeholder o	oncerns.		
			y makes available your general w f requested?	aste reduction and P2 informatio	n to members of our community, IDEM, and the		
		6. Your facilit	y has participated in or conducted	outreach activities that include o	details of your P2 efforts; please specify:		
		7. Your facilit	y has participated in two or more	Partners meetings in the last yea	иг.		
		8. Your facilit	y supported the annual Pollution F	Prevention Conference and Trad	e Show.		
		Please check a			ndees from your facility		
			Other (specify)				
SECTIO	ON E		ENVIRONMENTAL	LIMPROVEMENT INITIATIVE R	RESULTS		
		d this informatio	n? s of the environmental improvemen	nt Refe	What do you need to do? rence Section F for "Category" and "Indicator" options to		
initiativ	e that was	s pursu <mark>ed duri</mark> ng l	he reporting period. IDEM needs	to complete this :	section. Summarize your facility's progress on achieving		
героп с	cumulative	program reducti	on results.		e you identified in the application or last year's APR. For , please call (800) 988-7901 or email <u>esp@idem.IN.gov</u> .		
Initiativ	ve #1			·			
	ry 1: Mater		Baseline	Current	Cost Savings		
		PKG Materials Used	(indicate measurement unit)	(indicate measurement unit)			
Calend	•		2021	2022	<u> </u>		
Actual	quantity (per year)	3927	4356			
Produc	tion unit (select one)	Earned Labor Hours		roduction lbs.		
<u> </u>			Other specify (e.g. G	<u> </u>			
	llon Quar		227520	252977	NA NA		
			production ÷ Baseline year produ nt year quantity - Actual baseline o		76.19		
					rcumstances that delayed progress.		
Managed (Managed our inventory levels and the condition of the returnable packaging to prevent the usage of expendeble packaging.						
Initiati	ve #2	<u> </u>					
Catego	гу 2; ^{Malei}	ial Used	Baseline	Current	Cost Savings		
Indicate	or 2: _{Total}	PKG Materials Used	(indicate measurement unit)	(indicate measurement unit)	Oust Gavings		
Calend	Calendar year 2021 2022						
Actual	Actual quantity (per year) 3488.64 3878.98						

Production unit (select one)	Earned Labor Hours Production units X Production lbs. Other specify (e.g. Gallons, length, etc.)				
Production Quantity	227520 252977 NA				
Normalization factor (Current year	L				
Normalized quantity (Actual curre	<u> </u>	 	22.28		
		· · · · · · · · · · · · · · · · · · ·	froumstances that delayed progress.		
Managed our inventory taxels and the condition		-			
Initiative #3			-		
Category 3; Land and Habitat	Baseline	Current			
Indicator 3: Conservation	(indicate measurement unit)	(indicate measurement unit)	Cost Savings		
Calendar year	2021	2022	·		
Actual quantity (per year)	0	0			
Production unit (select one)	Earned Labor Hours SQFT Other specify (e.g. Galle		duction lbs.		
Production Quantity	0	0	NA		
Normalization factor (Current yea	r production + Baseline year produ	uction) o	·		
Normalized quantity (Actual curre	nt year quantily - Actual baseline	quantity) x Normalization factor o			
	lile progress since MCCA closed and MTEA t	-	ircumstances that delayed progress. during the initial talks if has been decided to increase suggested area to		
SECTION E	ENVIRONMENTA	L IMPROVEMENT INITIATIVE I	9F9111 T9		
	ENVINORMENTA	CONTINUED			
1. Briefly describe the <i>impacts or wastes</i> eliminated resulting from the environmental initiative(s). If multiple initiatives, please indicate which specifically. In Initiatives 1 and 2 we prevented the cardboard and pallets from being made and then ending up in the waste streams. In Initiative 3 we were able to identify even more fand opportunities to conserve once the project occurs.					
2. Are there other best manageme	ent practices (BMPs) you can sha	re correlating to your initiative(s)	?		
_	• • • •	• , , , ,	uce waste of resources and Impact to environment.		
Involving multiple departments can increase ti	te potential output of a project.				
3. If the objectives and targets associated with the environmental improvement initiative(s) were not attained, please verify continued progress toward the environmental initiative(s). If multiple initiatives, please indicate which specifically. In Initiative 3 we are still in the planning stages and have begun to reach out to specialist for assistance.					
4. Please provide a narrative summary of progress made toward <i>qualitative, significant</i> EMS objectives and targets, if any. We still met the requirements of upper management to reduce the quantity of wood pallets and cardboard. Also with expanding the scope of initiative 3 we will hep with culting down operational costs by reducing the amount of land to be moved.					
5. Please list any state, U.S. EPA, or other partnership programs to which you are reporting this data (e.g., Energy Star, DOE Energy Performance, state award application). We report our data to our mother company in Japan.					
6. Would your facility be willing to share the environmental improvement initiative(s) and its best management practices (BMPs) at the ESP Annual Meeting and/or a Partners for Pollution Prevention quarterly meeting or conference? Yes No					

SECTION F

FUTURE YEAR ENVIRONMENTAL IMPROVEMENT INITIATIVE

Why do we need this information?
Facilities need to show they are committed to improving their environmental performance.

What do you need to do?
Refer to the Environmental Performance
Table and answer the following questions

Select the appropriate boxes in the following table to indicate the category and Indicator(s) that represents the future environmental
improvement initiative selected by your facility. For the category and indicator selected, list the baseline year (e.g., 2022) and the future year
(e.g., 2023). Next, list the baseline annual quantity (e.g., 5 tons) and future annual quantity (e.g., 2 tons) you are committing to achieve by the
end of the future year.

Category	Indicator	Baseline Year 20 <u>22</u> Future Year 20 <u>23</u>		Unit	
The state of the survey of	☐ Recycled content			☐ Pounds, ☐ tons ☐ gailons	
Material Procurement	☐ Hazardous/toxic components			☐ Pounds, ☐ tons ☐ gallons	
Suppliers' Environmental Performance	Specify indicator:	As specified for the particular indicator			
	☐ Materials used			☐ Pounds, ☐ tons ☐ gallons	
☐ Material Use	☐ Hazardous materials used			☐ Pounds, ☐ tons ☐ gallons	
	Ozone depleting substances used			CFC-11 equivalent pounds	
	☐ Total packaging materials used			☐ Pounds, ☐ tons	
☐ Water Use	☐ Total water used			Gallons	
	☐ Electricity			kWn, MWh	
	☐ Steam			☐ kWh, ☐ MWh, ☐ gallons, ☐ ft³	
	☐ Natural gas			☐ Blu, ☐ MMBlu	
	☐ Diesel			Gallons	
	☐ Propane / LPG			☐ Btu, ☐ MMBtu, ☐ gallons	
☐ Energy Use	Gasoline			Gallons	
	☐ Solar			☐ kWh, ☐ MWh	
	□ Wind			☐ kWh, ☐ MWh	
	Landfill gas			Btu, MMBtu	
	☐ Combined heat and power			☐ kWh, ☐ MWh, ☐ Btu, ☐ MMBtu	
•	Other:				
	Land and habitat conservation	0	5	☐ Square feel, ■ acres	
Land and Habitat	☐ Community land revitalization			☐ Square feet, ☐ acres	
·	☐ Total□GHGs			MTCO2E	
	UVOCs			☐ Pounds, ☐ tons	
	□ NOx, SOx, PM _{2.5} , PM ₁₀ , or CO			☐ Pounds, ☐ tons	
☐ Air Emissions	☐ Air toxics			☐ Pounds, ☐ tons	
	Odor			European Odour Units	
	Radiation			☐ Curies, ☐ Becquerels	
	☐ Dust			☐ Pounds, ☐ tons	
	COD or BOD			☐ Pounds, ☐ tons	
	☐ Toxics			☐Pounds, ☐ tons	
☐ Discharges to Water	☐ Total suspended solids			□Pounds, □ tons	
	□ Nutrients			☐Pounds, ☐ tons of ☐ N or ☐ P	
	Sediment from runoff			☐Pounds, ☐ tons	
	☐ Pathogens		·	☐MPN/ml, ☐ CFU/ml	

Category	Indicator	Baseline Year 20 22	Future Year 20_23_	Unit	
	☐ Landfill			☐Pounds, ☐ tons	
	☐ Incineration		· .	☐Pounds, ☐ tons	
■ Non-hazardous Waste □ Hazardous Waste	Reused/recycled off-site	8234,98	6422.65	■Pounds, ☐ tons, ☐gallons	
	☐ Olher:			□Pounds, □ tons, □gallons	
Noise	□ Noise		-	dBA	
☐ Vibration	☐ Vibration		_	Inches per second	
				□kWh, □ MWh,	
	Expected lifetime energy use			☐ Blu, ☐ MMBtu,	
	☐ Expected lifetime water use	_		Gallons	
☐ Products	Expected lifetime waste to air, water, or land from product use			☐ Pounds, ☐ tons	
	☐ Waste to air, water, or land from disposal or recovery			☐ Pounds, ☐ tons	
 What activities or process changes do you plan to undertake at your facility to accomplish your future initiative (e.g., technology changes in a particular process line, employee training)? Return newly converted land into more natural habitat or conservation area by utilizing outside agencies. Kaizen events / lean events. Does this future initiative address a significant aspect in your EMS? Yes No—If no, please explain why you believe this indicator should be included as an environmental improvement initiative: 					
	CERTIFIC	ATION AND PLEDGE			
On behalf of (<i>name of facility</i>) Mil	subishi Turbocharger and Engine America (MTEA)				
I certify that the information contained in this Annual Performance Report and attachments is accurate to the best of my knowledge and that this facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with all applicable federal, state, and local environmental requirements, or has a corrective action program in place to attain compliance.					
We, MTEA, commit to maintaining the principles and goals outlined in our Environmental Management System for our facility's Indiana Environmental Stewardship Program status. We agree to strive for full compliance with all regulations promulgated by the U.S. EPA, state, or local jurisdictions. We agree to promote the Indiana Environmental Stewardship Program and to share our success stories with other facilities. We understand that we must meet the requirement of Implementing one (1) new, independent environmental improvement initiative each year of membership (for a total of four (4) initiatives), that the Annual Performance Report must be submitted to IDEM by April 1st of each year, and that we must reapply to the Indiana Environmental Stewardship Program every four (4) years.					
signatory, and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is submitting this Annual Performance Report.					
Signature Raney		igitally signed by Ra ate: 2022.03.25 10:		Date (month, day, year) March 31, 2022	
Printed signature Raney Green	,, ==		Title Environmental Representative	- MTEA	